

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph no. 3, line 16 with the following amended paragraph:

In multiple access systems, in particular delay-sensitive, low-bandwidth services generate only small bandwidths on the path from the terminals to the control centre. Such services are for example VoIP, request signals for web pages, request signals for SoD or the like; VoIP = Voice over Internet Protocol = telephony via the internet, SoD = Service on Demand = services such as videos, tutorial programs, music on request. The required bandwidths for the use of a service are distinctly below 64 kbit/s. At the same time however, stringent demands are made on the maximum delay jitter, for example in the order of magnitude of 1 to 4 ms.

Please replace the paragraph no. 2, line 6 with the following amended paragraph:

To ~~fulfil~~ fulfill the delay jitter requirement, the rate of the transmit authorizations for each terminal is increased. However, the increased transmit authorization rate inevitably leads to a bandwidth provision which greatly exceeds the bandwidth of the expected traffic volume. In this way a large part of the bandwidth made available remains unused and therefore is wasted. Especially in radio systems in which little bandwidth is available, this has a disadvantageous effect, for example it distinctly limits the number of radio stations in a cell wishing to transmit data packets simultaneously.